

| <b>INFORMATION DISCLOSURE CITATION<br/>IN AN APPLICATION</b><br><br><b>(PTO-1449)</b> |                          |                      |                                      | <b>ATTY. DOCKET NO.</b><br>15437-0591              |  | <b>SERIAL NO.</b><br>10/769,415  |  |                                       |  |
|---|--------------------------|----------------------|--------------------------------------|--|--|--|--|---------------------------------------|--|
|   |                          |                      |                                      | <b>APPLICANT:</b><br>Andrew G. Tucker, et al.      |  |  |  |                                       |  |
|   |                          |                      |                                      | <b>FILING DATE:</b><br>January 30, 2004            |  |  |  | <b>GROUP:</b><br><del>2183</del> 2431 |  |
| <b>U.S. PATENT DOCUMENTS</b>  |                          |                      |                                      |  |  |  |  |                                       |  |
| Exam.<br>Initial*   | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns,<br>Lines, Where<br>Relevant<br>Passages or<br>Relevant Figures<br>Appear |  |                                       |  |
|   |                          | Number               | Kind Code <sup>2</sup><br>(If known) |  |  |  |  |                                       |  |
|   |                          | 2002/0161817         | A1                                   | Dorofeev et al.                                    | 10-31-2002   |  |  |                                       |  |
|   |                          |                      |                                      |  |  |  |  |                                       |  |
|   |                          |                      |                                      |  |  |  |  |                                       |  |
|   |                          |                      |                                      |  |  |  |  |                                       |  |

| <b>FOREIGN PATENT DOCUMENTS</b> |                          |                         |                     |                                      |  |   |  |                |
|---------------------------------|--------------------------|-------------------------|---------------------|--------------------------------------|--|---|--|----------------|
| Exam.<br>Initial*               | Cite<br>No. <sup>1</sup> | Foreign Patent Document |                     |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of<br>Publication of<br>Cited Document<br>MM-DD-YYYY | Pages,<br>Columns,<br>Lines, Where<br>Relevant<br>Passages or<br>Relevant<br>Figures<br>Appear | T <sup>6</sup> |
|                                 |                          | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(If known) |  |   |  |                |
|                                 |                          |                         |                     |                                      |  |   |  |                |
|                                 |                          |                         |                     |                                      |  |   |  |                |

| <b>OTHER ART – NO PATENT LITERATURE DOCUMENTS</b> |                          |  |                          |
|---|--------------------------|--|--------------------------|
| Examiner<br>Initials*                             | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | Translation <sup>2</sup> |
|   |                          |  |                          |
|   |                          |  |                          |

|                       |                   |                 |            |
|-----------------------|-------------------|-----------------|------------|
| Examiner<br>Signature | /Michael Vaughan/ | Date Considered | 05/11/2009 |
|-----------------------|-------------------|-----------------|------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.